

Department of Energy  
Office Science  
Biological and Environmental Research Advisory Committee Meeting  
April 29-30, 2004  
AED Conference Center, 1825 Connecticut Avenue, NW (8th Floor), Washington, DC 20009

**Thursday, April 29**

- 8:30 - 9:00     **Ray Orbach**, Director, Office of Science
- 9:00 - 9:30     **Ray Gesteland**, BERAC report  
- DOE Synthetic Genomes Research –Technologies and Impacts
- 9:30 - 10:30    **Ari Patrinos**, Associate Director for Biology and the Environment, Office of Science
- 10:30 - 11:00    BREAK
- 11:00 - 12:00    Science Talk - **Jill Banfield**, U.C. Berkeley  
- Structure, Reactivity, and Behavior of Nanoparticles in the Environment
- 12:00 - 2:00     Lunch, on your own
- 2:00 - 2:30     **Gloria Sulton**, DOE Office of General Counsel  
**Rachel Samuel**, DOE Federal Advisory Committee Management Office
- 2:30 - 3:00     **Steve Larson**, BERAC update on Radiochemistry Charge
- 3:00 - 3:30     **Michelle Broido**, BERAC reports  
- Review of scientific basis and need for proposed Subsurface Geosciences lab at INEEL  
- Need for additional field research sites for environmental remediation sciences research
- 3:30 - 4:00     BREAK
- 4:00 - 5:00     **Joel Parriott, OMB / Bill Valdez, Office of Science**  
BER Roadmap for Long-term Performance Measures
- 5:00 - 5:15     New Business, Public Comment, Adjourn
- 6:00 - 8:00     No host dinner at AED Conference Center  
**David Evans**, Under Secretary for Science, Smithsonian Institution

**Friday, April 30**

- 9:00 - 9:30     BERAC review of the definition of an operating hour at BER facilities
- 9:30 - 10:30    **Jeremy Berg**, Director, National Institute of General Medical Sciences, NIH  
- NIGMS and the NIH Roadmap for Medical Research
- 10:30 - 10:45    BREAK
- 10:45 - 11:30    **Gene Bierly** – BERAC reports  
- Guidance to BER on how the Atmospheric Science Program should be reconfigured  
- Climate Change Research program management review by Committee of Visitors
- 11:30 - 12:15    Genomics:GTL roadmap status
- 12:15 - 12:30    New Business, Public Comment, Adjourn